SEQUENCE LISTING

(1) GENERAL INFORMATION:

    (i) APPLICANT: LUBON, Henryk
                     PALEYANDA, Rekha
                     DROHAN, William
                     VELANDER, William

    (ii) TITLE OF INVENTION: METHODS FOR THE DEGRADATION AND
       DETOXIFICATION OF ORGANIC MATERIAL USING URINE PRODUCED BY
       TRANSGENIC ANIMALS AND RELATED TRANSGENIC ANIMALS AND
       PROTEINS

   (iii) NUMBER OF SEQUENCES: 3

    (iv) CORRESPONDENCE ADDRESS:
        (A) ADDRESSEE: FOLEY & LARDNER
        (B) STREET: 3000 K Street, N.W.
        (C) CITY: Washington
        (D) STATE: D.C.
        (E) COUNTRY: U.S.A.
        (F) ZIP: 20007-5109

    (v) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

    (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER: US 08/982,284
        (B) FILING DATE: 01-DEC-1997
        (C) CLASSIFICATION:

  (viii) ATTORNEY/AGENT INFORMATION:
        (A) NAME: Granados, Patricia D.
        (B) REGISTRATION NUMBER: 33,683
        (C) REFERENCE/DOCKET NUMBER: 030523/0141

    (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (202) 672-5300
        (B) TELEFAX: (202) 672-5399

(2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 69 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GGTACGTCGA CACAGGTGCC AGTGCCTCCA GAATGTGGCA GCTCACAAGC CTCCTGCTGT   60

TCGTGGCCA   69

(2) INFORMATION FOR SEQ ID NO:2:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 22 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid
        (A) DESCRIPTION: /desc = "Primer"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CCCAGGCTCA GCGCACTCAT CC   22

(2) INFORMATION FOR SEQ ID NO:3:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 21 base pairs
        (B) TYPE: nucleic acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid
        (A) DESCRIPTION: /desc = "Primer"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

GTCACAGCAA TGCCACCTGA C   21